

Will Quench That Thirst



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## THAT New Suit for the 4th

The very LAST NOISE in the SCHLOSS-BALTIMORE clothes for men and young men, from the land of your Uncle Samuel arrived on the good yacht "Lurline."

No firecracker stuff in these garments---just enough KICK in them to single you out from the crowd.

High speed clothes---at low speed prices---\$20 to \$30. The "SELF-STARTER" kind, that is, they have already started to move at such a clip that our buyer will surely be sorry he didn't order a great many more.

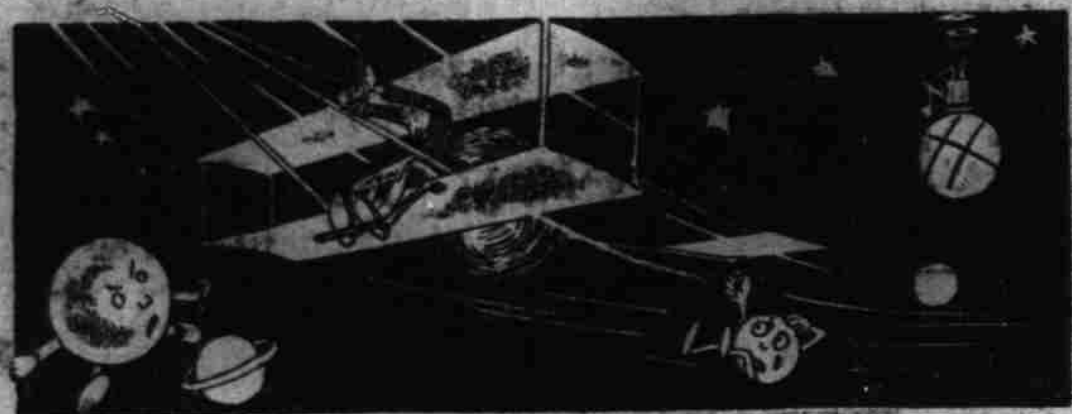
Investigate our "TIME PAYMENT" system---it will show you how NOT to spend too much money at one time.

## The Model,

Fort Street next to the Church.

Honolulu's Largest Exclusive Clothing Store

## SKY PILOTS WILL STEER COURSE WITH THIS MAP



Aviators darting high in the heavens, rubbing noses with Venus and a few of the other denizens of the sky, have had a chart prepared for them to the end that they will not carelessly run down a pretty little star. Of course, many stars have been run down, but they have always been theatrical lights, and really don't mind it; confidentially, some of them confess to like it.

But the other stars, those which dwell in the blue, blue sky, with nothing in particular to do but blink, are said to have a rather peevish disposition and detest the idea of being run down by an aviating and adventurous aviator with the aerial wanderlust. So now that the war department is sending air navigators here,

to check up on a few of the fake stars, the nursery books told about the stars, steps have been taken to protect the aviators from a collision with the lights of the heaven.

The Library of Hawaii took the steps, and consequently there is now in the learned and learning institution a map of the stars, ready for the sailors of the skies. It is a very complete map, showing the different parts of entry and the population of the different cities. Maybe it does not show those details after all---one cannot be sure about that; but the important thing is that the map is at hand so there will be no excuse for one colliding with a star and probably ruining its twinkling disposition.

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## ARMY AND NAVY

According to a report made to the War Department by Colonel Cosby, the engineer officer in charge of public buildings and grounds, the statue of Commodore John Barry, the naval hero of the revolution, probably will be completed and ready for formal dedication next spring. Congress in 1906 appropriated \$50,000 each for memorials of Commodore Barry and John Paul Jones, and the latter memorial has been erected in Potomac Park, at the foot of Seventeenth street. It was dedicated about a year ago.

The delay in the case of the Barry memorial is due partly to the successful opposition of the Irish-American societies to the design of Andrew O'Connor, originally accepted by the congressional commission, after an open competition by Irish-American artists, and subsequently rejected as unsuitable.

In November, 1911, a contract was made with John J. Boyle, a New York sculptor, who was personally selected by the commission to prepare a design to meet the wishes of the various organizations directly interested in perpetuating the memory of the revolutionary naval commander.

The design submitted by Mr. Boyle was commended by a committee of artists consisting of Paul J. Bartlett, Walter Cook and Whitney Warren, and was approved by the commission. Its principal features are a bronze statue of Barry in the uniform of a commodore of the United States navy, standing on a marble shaft, at the front of which is a marble figure of Victory. A knoll in Franklin Park near the Fourteenth street side was selected by the commission as the site of the monument.

Army and navy officers composing the board of directors of the Panama railroad have decided to keep the Panama railroad in operation after the opening of the Panama canal, at least until it has been demonstrated whether the line can be operated profitably. That decision carries with it the continuance of the steamship line between New York and Colon as a necessary part of the canal system.

The navy department has failed to find any use for these vessels, but Secretary Garrison believes that even if they are not patronized as freight and passenger carriers, the ships can be used as colliers to keep up the store of 300,000 tons of coal which is to be kept in the zone to supply the needs of shipping using the canal.

The Panama railroad has been used largely for the transportation of supplies along the canal route. There is no reliable data for an estimate of the traffic that may be expected when the construction work on the canal is completed.

An important change in this year's program of the Atlantic battleship fleet is under consideration at the navy department and will be settled by Secretary Daniels on his return to Washington next week. It involves the complete abandonment of the projected grand naval review in the harbor of New York city in October and the substitution of a practice cruise of the entire fleet across the Atlantic for evolutions and exercises, and visits of divisions of the fleet to various Mediterranean and other European ports.

This year's plans for the fleet were arranged by Secretary Meyer before his retirement in March, and up to this time the only modification of the plans made by Secretary Daniels was the addition of a foreign cruise of the fleet next January.

It is understood that the omission of the New York review this year and an earlier cruise to European waters than had been contemplated are the leading features of a revised itinerary just submitted to the navy department by Rear Admiral Charles J. Badger, commanding the fleet.

To protect war secrets of the United States involved in naval ordnance manufactured under private contract, the United States government will vigorously prosecute the injunction suit recently instituted at Brooklyn to restrain the E. W. Bliss Company from exhibiting or selling to foreign countries torpedoes similar to those which the company manufactured under contracts for the United States navy.

Government officials regard the suit as an extremely important test of the extent of secrecy the United States military establishment may exact from private contractors. The suit is brought under both the contract statute and the national defense law forbidding any one divulging military secrets of the United States.

The establishment of a home for aged widows of soldiers of the Civil War is in contemplation by the Legion of Loyal Women. The need is said to grow more apparent each year, and the legion has been able not only to arouse the interest and co-operation of its own members, but also the practical help of many others.

The legion established a temporary home for the District of Columbia Spanish War veterans, on their return from Cuba in 1898, and, it is explained, was also the first patriotic association to assist the temporary soldiers and sailors' home at Third and C streets. For the benefit of the new home the legion is arranging an entertainment to be given at Stanley Hall, United States Soldiers' Home.

In his report to the war department Col. Cosby says that good progress has been made in cutting the marble for the pedestal and in carving the stone with the figure of Victory on it. The model of the statue of Barry probably will be finished next month, and Col. Cosby says it then will take from four to six months to cast it into bronze. The sundry civil appropriation bill, now awaiting the president's action, provides \$2500 for the dedicatory ceremonies.

## MAN A MACHINE, NEEDS CAREFUL LUBRICATION

WASHINGTON—Man is just a machine. If you do not believe it, ask the Federal Department of Nutritive Investigation, a part of the Bureau of Chemistry. Dr. C. F. Langworthy, who is chief of the department, will tell you, and give facts and figures to prove it, that your anatomy is just like any other engine. You have a maximum capacity of 50 many foot-pounds of energy, and to generate this a certain amount of fuel is necessary. The best kind of food or fuel to be used varies with the individual engine, and Dr. Langworthy told how his department does its work.

He described his unique department in his workshop, surrounded by an endless series of laboratory instruments, ovens, graduated scales, and queer tubes and pipes where everything under the sun is concocted and cooked up, to see how many calories, how much nitrogen and how much energy it will give the human body when it's eaten.

In the laboratory is a respiration calorimeter, a chamber in which Uncle Sam's scientists put subjects to measure the energy which the subject gives off while he is engaged in different tasks, and while fed different diets of food. When the Bureau of Chemistry sharpens decide that it will be a matter of national import to know just the modicum of energy that a diet of stewed beef, bread, beans and radishes generate. While a man is using his muscles they feed their subject, put him in the calorimeter, set him to work pedaling something that looks like a bicycle, and then stand around and watch the dials and thermometers. Incidentally to discover the amount of energy on the same diet that a man engaged in hard mental work gives off, they get a subject who has a particularly brain-puzzling task to perform and watch him. The last subject was a college student who had to pass a very rigid examination. He spent a couple of days in the calorimeter, alternately studying and resting. When he rested, he lay upon a couch at ease and read if he wanted to, or just dozed. At all times the scientists watched the little thermometers, taking copious notes.

The calorimeter is a valuable instrument in many ways. It enables the government to recommend certain diets as being of the greatest use to men and women in different occupations, and it enables them to recommend a combination of foods that are cheap but at the same time sustaining.

The apparatus itself is six and a half feet square, and of the same height. There is a window in the side to permit light for reading or studying, a couch to permit the subject to lie down; a pipe through which air enters and another through which it is expelled. The expelled air is caught and its components analyzed, for part of the food you eat is expelled with every breath.

The heat given off by the subject's body is weighed and measured, and then carried off through a brass pipe that has a current of cold water running through it. The heat absorbing power of the pipe is enhanced by a series of copper disks that are soldered to it. The method is merely the reverse of that practiced in bringing heat into a room by the hot water method. In one, the cold water carried it away; in the other the hot water brings it in.

The exact amount of heat expelled from the subject's body is measured by the flow of cold water, one calorie of heat being necessary to raise one kilogram of water one degree centigrade.

Important discoveries have been made through the respiration calorimeter, said Dr. Langworthy today. "It has been determined definitely just how much food is needed to supply the normal body with energy enough to permit of great mental and physical labor. To every one calorie of heat given off by the body it is necessary to eat five calories of food. Mental work, it has been discovered, results in as much loss of muscular energy as muscular work itself.

Experiments are now being conducted to determine just what agricultural products or combination of agricultural products produce the most energy and heat in the human body. The fact that cheese is an excellent foodstuff for all purposes of building up the body instead of a mere condiment was discovered by the calorimeter.

In conducting the experiments the subject is treated as if he was a steam engine, needing the best kind of fuel. The food given him is treated as fuel and the amount of energy which he derives from it and the waste is all carefully measured. A percentage table of the fuel which radiates the most combustion is made, and the percentage of the man's efficiency, guided by a standard of 100, is compiled.

A small portion of the food eaten is utilized by the body for building and repairing tissues and the performance of physiological tasks in general. But by far the greater part of the food is used as a source of energy for the performance of muscular work, both internal and external, and for maintaining bodily temperature.

So if you want to know just how much energy you use up in a day, and just what fuel is best for you, come on down and get in the calorimeter. It will tell you.

With the gigantic task ahead of it of appraising the physical property of the railroads of the United States, the interstate commerce commission has sent out an appeal for expert assistants.

## LOCAL AND GENERAL

The Bishop Museum will remain closed on July 4 for the entire day.

A gospel service will be held in the Kakaako Mission, corner of Smith and Queen streets, at 7:30 o'clock this evening, at which time Edwin B. Keef and Miss Lucy Keef will have charge of the music. John Martin will preside.

The bark Andrew Welch was dispatched for San Francisco at 3 o'clock this afternoon, the vessel taking several cabin passengers and a general cargo, including 1582 tons sugar and 42 tons miscellaneous freight. Included in the latter shipment were 26 pieces household goods and 13 pieces shaffing.

Students of the grammar schools of Honolulu to the number of forty, who desire to continue their studies during the summer vacations in order to be advanced to a higher grade at the opening of the fall term, have enrolled in the summer school for boys at the Young Men's Christian Association.

The twelve members of the boys' department of the Young Men's Christian Association who are now engaged in a walk around the island under the direction of Secretaries Killam and Cross, camped at Waimea last evening and are now on the last leg of the journey, which will complete half the trip, according to word, which has reached the association. The party plans to return to Honolulu Saturday evening.

Information concerning the rules and regulations of similar bodies in the states are awaited by the civil service commission of the board of health before proceeding to establish rules for the new organization in the island government. The commission has perfected its organization and held two meetings, but nothing further will be attempted until the necessary data, expected at any day, arrives.

Asking permission to change its name, headquarters and to increase its capitalization maximum from \$30,000 to \$50,000, the Hamakua and South Kohala Telephone & Telegraph Company has filed a petition in the office of the territorial treasurer. The firm desires to alter the charter granted it by the king in 1889, giving it the new name of The Hawaii Telephone Company, and to remove its headquarters from Honokaa, Hawaii, to Hilo.

Walter Duisenberg, of the brokerage firm of Duisenberg & Co., sailed on the Mongolia this morning for San Francisco, which is the beginning of a long tour he expects to make. After remaining in San Francisco for awhile, he will go on to New York. Later he expects to visit Europe, and return by the way of the Panama canal. Mr. Duisenberg's trip will be one of business and pleasure. A large number of friends were present at the steamer to bid him good-bye.

Many Honoluluans of the younger set were present when the Mongolia sailed for San Francisco this morning to bid farewell to Miss Helen Higgins, a popular society girl of Los Angeles, who has been visiting here, a guest at the Pleasanton Hotel, with her brother Sydney Higgins, for a number of weeks. Miss Higgins will be a guest at Mare Island on arriving in San Francisco, with Miss Charlotte Winston, also of Los Angeles. During the visit of Miss Higgins here many little parties were given in her honor.

## Police Notes

A small gold pin with the word "Pet" in black letters is awaiting an owner at central police station. The token was picked up last evening by a Japanese.

Mounted Officer Ludloff found a Japanese insane patient who had effected his escape from the asylum yesterday afternoon. The Japanese was today returned to the proper authorities. The man had opened a camp at the upper end of Puna valley.

When A. Lucas endeavored to exterminate one or more tabby cats in his neighborhood he apparently instilled much fear into the hearts of certain members of his immediate family. The police were called to take charge of a thirty-two weapon which is alleged to have been flourished by Lucas much to the remonstrance of those about him.

Ben Holol, an Hawaiian, alleged to have been injured through a fall from a tree, died at Queen's Hospital at eleven o'clock last night as a result of the accident. It is claimed that the man scaled the tree for the purpose of cutting some dead limbs. He lost his balance falling to the ground and sustaining concussion of the brain from which he never recovered consciousness. Dr. Benz was first called to attend the injured man.

James Field is being held at central police station at the instance of Chief of Detectives McDuffie pending investigation upon a charge of his having been implicated in the illicit sale of liquors and also having clothing and supplies belonging to the United States army in his possession and offering the same for sale. Field is declared the proprietor of a billiard parlor at Wahiawa in which the shooting of a Porto Rican took place Tuesday evening. Officers in visiting the place following the affair came upon sufficient evidence which led to Field's detention. It is alleged that Field has been supplying many soldiers at the military post with liquor.



## Benjamin's Clothes

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We are the only  
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every detail.

## The Clarion

Maj. Matthew A. De Laney of the medical corps of the army has been relieved from duty as attending surgeon in this city and is ordered to proceed to San Francisco and take the first available transport for the Philippines, where he will be assigned to duty.

The resignation of Lieutenant General Baron Yasutsuma Kikoshi, from the ministry of war had no connection with the California land law agitation, one report being that he objected to the reduction of army credits, another that he was forced to retire because of the disfavor of the army.

A daughter of Arthur Orton, the notorious claimant to the Tichborne estates, was arrested in London for having written a letter containing a threat to kill at the altar Miss Denise Greenville, who is to marry Sir Joseph Doughty-Tichborne.

The government is to dredge Mare Island channel, the specifications calling for the removal of 2,500,000 cubic yards of mud and rock.

Two hundred and eight men were graduated at the recent commencement exercises of Dartmouth University.

The Lark, the Southern Pacific streetcar, an automobile, and Santa Barbara, killing the driver, Phineas C. Higgins, a wealthy resident of the Carpentaria valley. Both the car and driver were carried on the tender of the engine for a quarter of a mile.